

**Table S6. Employed doctoral scientists and engineers by field of doctorate and primary/secondary work activity: 1993, 1995, and 1997**

Field and year	Total		Research & development				Teaching	Management sales and administration	Computer application	Professional services	Other Activity
			Applied research	Basic research	Design	Development					
	Number	Percent	Percent								
<b>Total</b>											
1993.....	462,870	100.0	36.5	27.1	6.3	11.5	33.6	35.9	11.3	15.5	5.1
1995.....	484,780	100.0	36.4	26.7	6.2	11.2	33.6	35.7	11.4	16.3	7.0
1997.....	518,440	100.0	35.4	26.4	6.2	12.4	33.0	35.5	11.5	15.3	8.7
<b>Sciences</b>											
1993.....	387,760	100.0	34.8	29.9	4.2	9.2	35.5	36.1	9.6	17.7	5.3
1995.....	406,110	100.0	34.5	29.5	3.9	8.8	35.7	35.7	9.8	18.5	7.3
1997.....	429,820	100.0	33.3	29.4	4.0	9.7	3.5	35.6	9.8	17.6	8.9
<b>Computer/math sciences</b>											
1993.....	27,950	100.0	27.9	32.5	6.8	5.7	55.1	25.5	25.3	3.6	4.5
1995.....	29,270	100.0	27.7	31.5	7.1	6.3	54.5	22.8	28.3	3.3	5.8
1997.....	32,400	100.0	29.3	32.8	7.3	7.3	50.9	22.6	28.9	3.0	6.1
Computer/information sciences											
1993.....	5,150	100.0	42.7	26.4	10.5	9.5	36.5	24.7	37.9	2.1	2.3
1995.....	6,450	100.0	37.5	23.7	8.5	9.8	39.7	26.8	38.6	1.1	3.9
1997.....	8,000	100.0	38.8	22.9	10.5	12.6	34.4	25.5	40.1	1.4	3.6
Mathematical sciences											
1993.....	22,800	100.0	24.6	33.9	6.0	4.8	59.3	25.6	22.5	4.0	5.0
1995.....	22,820	100.0	24.9	33.7	6.7	5.3	58.7	21.6	25.3	3.9	6.4
1997.....	24,400	100.0	26.2	36.1	6.2	5.6	56.3	21.7	25.2	3.5	6.9
<b>Biological/agricultural sciences</b>											
1993.....	110,920	100.0	39.4	42.9	2.5	8.2	31.5	34.9	6.4	11.9	5.1
1995.....	116,690	100.0	38.9	42.4	2.1	7.6	31.5	36.6	6.3	12.3	7.5
1997.....	124,600	100.0	37.5	42.0	1.8	8.3	32.1	36.4	6.3	12.1	8.7
Agricultural/food sciences											
1993.....	15,100	100.0	57.4	20.9	3.3	16.0	25.0	38.5	8.2	6.0	7.6
1995.....	15,440	100.0	56.8	21.3	1.9	14.7	24.5	38.4	8.0	8.4	11.1
1997.....	15,670	100.0	54.7	20.7	2.4	17.4	23.7	39.6	6.4	8.0	11.4
Biological sciences											
1993.....	91,970	100.0	36.0	47.7	2.3	6.8	32.7	33.7	6.0	13.1	4.6
1995.....	97,370	100.0	35.5	46.9	2.0	6.4	32.7	36.0	5.9	13.1	6.8
1997.....	104,630	100.0	34.3	46.3	1.7	7.0	33.5	35.6	6.2	12.8	8.1
Environmental life sciences											
1993.....	3,850	100.0	51.9	14.0	4.9	9.9	28.1	49.9	9.4	5.2	7.3
1995.....	3,890	100.0	52.2	14.4	4.4	8.2	29.3	44.2	10.3	9.0	10.5
1997.....	4,300	100.0	55.3	15.3	2.8	7.9	28.1	44.4	7.4	8.8	12.3
<b>Health sciences</b>											
1993.....	13,670	100.0	41.6	14.1	2.4	8.5	37.7	43.3	5.3	27.5	4.7
1995.....	15,460	100.0	43.1	13.3	2.1	7.9	40.4	41.8	5.6	26.2	5.8
1997.....	17,180	100.0	44.5	11.4	2.8	9.4	41.3	41.5	5.4	23.1	7.1

See explanatory information and SOURCE at the end of table.

**Table S6. Employed doctoral scientists and engineers by field of doctorate and primary/secondary work activity: 1993, 1995, and 1997**

Field and year	Total		Research & development				Teaching	Management sales and administration	Computer application	Professional services	Other Activity
			Applied research	Basic research	Design	Development					
			Number	Percent	Percent						
<b>Physical/related sciences</b>											
1993.....	98,540	100.0	42.2	31.4	8.4	18.5	24.3	35.1	14.8	5.1	5.0
1995.....	101,300	100.0	40.6	31.1	7.9	18.3	25.4	34.9	15.0	5.7	6.5
1997.....	105,250	100.0	39.6	30.3	8.5	28.8	24.7	34.8	14.3	5.5	8.6
Chemistry, except biochem											
1993.....	51,760	100.0	46.0	27.8	6.0	23.9	21.7	38.3	9.0	5.4	5.4
1995.....	52,530	100.0	43.1	26.2	6.3	23.5	23.0	39.7	8.9	6.6	6.9
1997.....	54,220	100.0	43.4	26.3	6.1	24.7	22.3	38.7	8.0	5.7	9.2
Earth/atmos/ocean sciences											
1993.....	13,620	100.0	43.5	41.3	4.8	7.2	30.2	34.2	14.0	5.9	6.1
1995.....	14,370	100.0	46.4	41.0	4.7	6.1	31.7	29.9	14.8	6.5	8.0
1997.....	15,110	100.0	40.0	40.4	4.0	6.4	32.6	33.0	15.6	6.8	9.7
Physics and astronomy											
1993.....	33,150	100.0	35.6	33.1	13.6	14.8	25.8	30.4	24.1	4.3	4.0
1995.....	34,410	100.0	34.4	34.5	11.7	15.4	26.4	29.7	24.4	3.9	5.3
1997.....	35,920	100.0	33.6	32.1	14.0	16.6	24.8	29.7	23.3	4.7	7.1
<b>Social sciences</b>											
1993.....	65,660	100.0	33.5	27.0	1.9	4.6	55.2	36.7	6.7	9.6	7.3
1995.....	67,600	100.0	34.9	26.7	2.1	4.1	55.3	33.3	6.9	11.4	10.0
1997.....	71,070	100.0	31.5	27.4	2.1	4.8	55.1	34.2	7.3	9.7	11.9
Economics											
1993.....	19,410	100.0	45.2	21.3	2.1	4.3	51.3	35.3	8.8	7.4	6.9
1995.....	19,860	100.0	49.6	20.9	2.5	4.0	53.1	29.3	8.0	10.2	8.1
1997.....	20,080	100.0	47.6	22.8	2.4	4.2	47.8	34.8	8.7	9.9	8.5
Political/related sciences											
1993.....	14,290	100.0	24.1	26.1	1.5	5.5	60.5	39.5	3.0	10.4	9.9
1995.....	14,780	100.0	25.2	28.8	1.8	3.2	58.8	37.8	4.8	11.2	11.6
1997.....	15,820	100.0	20.5	30.5	1.1	4.4	58.1	37.7	4.2	10.2	15.1
Sociology											
1993.....	12,200	100.0	30.4	33.2	1.1	4.4	58.4	34.4	7.6	8.0	4.9
1995.....	12,210	100.0	30.1	30.9	2.0	4.3	60.9	31.7	6.1	9.3	8.4
1997.....	13,230	100.0	28.0	31.3	1.0	4.3	60.9	30.5	8.1	8.1	11.4
Other social sciences											
1993.....	19,760	100.0	30.8	29.6	2.5	4.5	53.4	37.3	6.9	12.0	7.4
1995.....	20,750	100.0	30.6	28.4	1.9	4.5	51.5	34.9	7.9	13.9	11.6
1997.....	21,940	100.0	26.8	27.0	3.1	5.8	56.1	33.5	7.9	10.3	13.0
<b>Psychology</b>											
1993.....	71,020	100.0	19.8	12.1	2.2	3.9	30.8	41.5	4.7	55.2	4.3
1995.....	75,790	100.0	20.3	12.4	2.1	3.4	30.3	41.4	4.6	56.0	6.5
1997.....	79,320	100.0	18.8	12.5	2.3	4.4	28.9	40.9	4.9	54.1	8.8

See explanatory information and SOURCE at the end of table.

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Field and year	Total		Research & development				Teaching	Management sales and administration	Computer application	Professional services	Other Activity
			Applied research	Basic research	Design	Development					
	Number	Percent	Percent								
<b>Engineering</b>											
1993.....	75,110	100.0	45.7	12.9	17.4	23.1	23.8	35.1	20.1	4.2	4.2
1995.....	78,620	100.0	46.0	12.0	18.0	23.7	22.9	35.8	19.3	4.5	5.5
1997.....	88,620	100.0	45.7	12.2	16.9	25.6	21.8	34.9	19.6	4.4	7.4
<b>Aerospace/aeronautical</b>											
1993.....	3,050	100.0	50.8	17.0	14.4	21.3	25.9	33.1	21.0	2.0	3.9
1995.....	3,350	100.0	49.0	19.4	16.7	14.9	24.8	34.9	20.9	S	6.9
1997.....	3,720	100.0	52.7	17.2	18.0	22.3	16.7	30.6	25.8	2.4	5.9
<b>Chemical</b>											
1993.....	11,140	100.0	46.2	10.5	18.7	34.5	14.5	38.0	15.4	3.1	4.5
1995.....	10,930	100.0	45.8	11.1	18.3	31.2	14.7	39.1	15.4	3.0	7.6
1997.....	12,280	100.0	45.5	11.6	17.5	34.9	15.6	39.6	13.2	3.4	7.8
<b>Civil</b>											
1993.....	7,060	100.0	45.3	9.2	19.1	9.9	33.3	36.3	20.0	7.6	4.4
1995.....	7,400	100.0	41.1	8.1	22.3	10.3	34.5	37.8	18.6	8.4	4.9
1997.....	8,190	100.0	39.9	7.7	20.5	10.4	36.5	34.4	16.1	9.0	11.8
<b>Electrical/computer</b>											
1993.....	19,400	100.0	41.8	13.5	19.5	24.0	23.0	35.0	23.4	2.6	3.5
1995.....	20,770	100.0	41.3	11.7	19.0	25.8	21.5	37.0	24.2	2.4	5.0
1997.....	23,750	100.0	40.6	12.6	17.6	26.7	21.0	36.9	25.3	2.7	5.9
<b>Materials/metallurgical</b>											
1993.....	7,200	100.0	53.8	15.8	12.4	39.2	12.9	38.3	6.4	2.8	5.4
1995.....	7,850	100.0	51.5	14.0	14.1	41.4	11.7	38.6	4.8	3.8	6.9
1997.....	8,510	100.0	55.1	13.5	13.3	39.8	10.2	39.4	5.9	1.6	7.3
<b>Mechanical</b>											
1993.....	9,470	100.0	44.4	12.6	18.3	23.8	26.0	32.0	24.4	3.6	3.0
1995.....	9,710	100.0	46.5	11.6	21.1	24.0	24.5	33.1	22.1	4.0	3.6
1997.....	11,080	100.0	48.0	11.9	20.2	31.2	21.5	26.3	23.3	4.2	5.2
<b>Other engineering</b>											
1993.....	17,790	100.0	46.3	13.7	15.7	13.5	29.5	33.6	22.9	6.4	4.9
1995.....	18,620	100.0	49.9	12.4	15.3	16.4	28.2	32.1	20.7	7.3	5.4
1997.....	21,100	100.0	47.5	12.7	13.7	16.6	26.4	33.5	21.0	6.8	8.5

**NOTE:** Numbers are rounded to nearest ten.  
 Details exceeds total because of multiple responses.  
 1993 and 1995 figures may not match previously published figures.

**KEY:** S=Suppressed due to too few cases (fewer than 50 weighted cases).

**SOURCE:** National Science Foundation/Division of Science Resources Studies, Survey of Doctorate Recipients.